



Environmental Bulletin

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from the Savannah River Site

Record of Decision Issued for the Chemicals, Metals, and Pesticides Pits Operable Unit

This Record of Decision (ROD) is being issued by the United States Department of Energy (DOE), the lead agency for the Savannah River Site (SRS), with concurrence by the United States Environmental Protection Agency – Region 4 (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) announcing the remedial alternative selections for the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) at SRS.

The CMP Pits are located approximately 7.4 miles from the nearest plant boundary and approximately 5,200 feet north of L Area. The CMP Pits are located within the Pen Branch watershed approximately 1,250 feet southeast of Pen Branch. The unit consists of seven former, unlined pits placed in two rows. The CMP Pits were designed to receive non-radioactive wastes (chemicals, metals and pesticides) and operated from August 1971 until February 1979. There is evidence that fluorescent light ballasts containing polychlorinated biphenyls (PCBs) were disposed during April 1977. The CMP Pits OU comprises five sub-units: Ballast Area soils, CMP Pits and associated vadose zone (Field A), vadose zone (Field B), Groundwater, and Pen Branch Surface Water and Sediment.

The DOE, the EPA and the SCDHEC have reviewed the risks associated with this unit and have evaluated cleanup alternatives. The following remedy has been selected for the CMP Pits OU:

Ballast Area - Institutional controls after completion of the enhanced bioremediation interim action for pesticide- and PCB-contaminated surface soils

Source Area (Field A) - Combination of electrical resistance heating to remove dense non-aqueous phase liquid and continued operation of the soil vapor extraction (SVE) system

Field B - Passive SVE (Baroballs™)

Groundwater – Monitored Natural Attenuation

The selected remedies will be protective of human health and the environment. They are also intended to be the final actions for the CMP Pits OU.

The ROD is part of the Administrative Record File and is available for public review during normal business hours at the following information repositories.

- DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina-Aiken campus in Aiken, SC;
- Thomas Cooper Library Government Documents Department at the University of South Carolina in Columbia, SC;

Hard copies of the ROD are available at the following:

- Reese Library at Augusta State University in Augusta, GA; and
- Asa H. Gordon Library at Savannah State University in Savannah, GA.

Any comments or questions may be directed to

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The SRS Environmental Bulletin

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